

Flush-type connector - SACC-DSI-MS-4CON-L180/12 SCOSH - 1558535

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Sensor/actuator flush-type plug, 4-pos., M12 SPEEDCON, shielded, A-coded, rear/screw mounting with Pg9 thread, with straight solder connection, design with 12 mm long solder pins



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	20 pc
Weight per Piece (excluding packing)	14.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length of the solder pin	12 mm
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Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
Degree of protection	IP67

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	4 A
Rated voltage	250 V
Rated surge voltage	2.5 kV
Number of positions	4

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Technical data

General

Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Pollution degree	3
Connection method	Solder pins
Insertion/withdrawal cycles	> 100
Torque	3 Nm ... 4 Nm (Installation-side)
Mounting type	Rear mounting Pg9 With flat nut

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440103

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002061

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Classifications

ETIM

ETIM 5.0	EC002061
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UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Approvals

Approvals


Approvals

UL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm ² /AWG/kcmil	26-20
Nominal current I _N	4 A
Nominal voltage U _N	250 V

EAC

cULus Recognized	
mm ² /AWG/kcmil	20

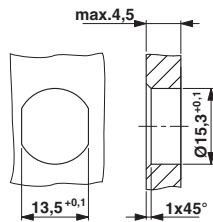
Flush-type connector - SACC-DSI-MS-4CON-L180/12 SCOSH - 1558535

Approvals

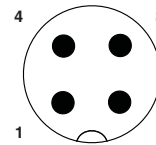
Nominal current I _N	4 A
Nominal voltage U _N	250 V

Drawings

Dimensional drawing



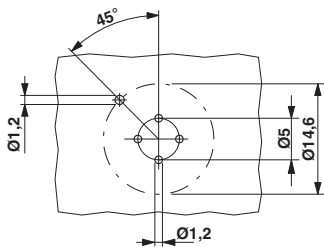
Schematic diagram



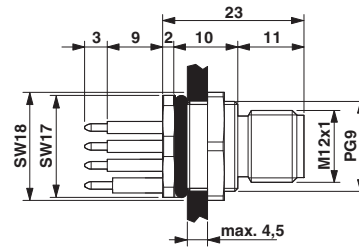
Pin assignment M12 plug, 4-pos., A-coded, view plug side

Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with area as anti-rotation protection for panel thicknesses > 2 mm up to max. 4.5 mm)

Drilling diagram



Dimensional drawing



Drilling diagram

M12 SPEEDCON flush-type plug

Dimensional drawing

